

WHAT IS CLAIMED IS:

1. A pneumatic pruning hook with a telescopic shank,
comprising:

a handle including a chamber defined therein and adapted to
5 be connected to a compressed air source, a valve mounted in the
chamber for selectively allowing the compressed flowing into the
chamber, a lever pivotally mounted on the handle to actuate the valve;
the telescopic shank including an outer tube having a first
end longitudinally secured to the handle and a second end opposite to
10 the first end of the outer tube, an inner tube partially slidably received
in the outer tube, the inner tube having a first end extending into the
outer tube and a second end opposite to the first end of the inner tube;
a work device secured on the second end of the inner tube;
a spiraled hose received in the telescopic shank and having
15 two opposite ends respectively connected the handle and the work
device for guiding the compressed air into the work device, the spiraled
hose extending with the inner tube; and
a safety mounted to the work device for selectively engaged
to the work device to prevent the work device from an unexpected
20 operation.

2. The pneumatic pruning hook as claimed in claim 1, wherein
the telescopic shank comprises a first connector securely connected and
partially longitudinally received in the first end of the outer tube, the

first connector having a first passage longitudinally defined therein and extending therethrough, the first passage communicating with the clamber in the handle, a second connector longitudinally connected to the second end of the inner tube and having a second passage
5 longitudinally defined therein and extending therethrough, the spiraled hose having two opposite ends each having a joint mounted thereon, the two joints respectively connected to the first connector and the second connector to make the spiraled hose communicate with the first passage and the second passage.

10 3. The pneumatic pruning hook as claimed in claim 2 further comprising a connecting device longitudinally mounted between the second connector and the work device, the connecting device including a third passage longitudinally therein and communicating with the second passage in the second connector.

15 4. The pneumatic pruning hook as claimed in claim 3, wherein the connecting device comprises a body having a protrusion extending therefrom and longitudinally mounted into the second connector, and a connecting seat slidably mounted to the body, the connecting seat having a recess defined in a bottom of the connecting seat and
20 communicating with the third passage, a path defined in the connecting seat, the path extending through the connecting seat and communicating with the recess for guiding the compressed into the work device.

5. The pneumatic pruning hook as claimed in claim 1 further comprising a locking device mounted on the second end of the outer tube to hold the inner tube in place when the inner tube extends to a suitable length relative to the outer tube.

5 6. The pneumatic pruning hook as claimed in claim 5, wherein:

the outer tube has a first hole defined therein and extending therethrough near the second end of the outer tube;

the inner tube has a series of second holes defined therein and each selectively communicating with the first hole in the
10 outer tube; and

the locking device includes a collar mounted around the outer tube and a lever pivotally mounted on the collar, a stub pivotally connected to a first end of the lever of the locking device and extending through the first hole and a corresponding one of the series of second
15 holes to hold the inner tube in place relative to the outer tube, a torsion spring mounted between the collar and the lever of the locking device to provide a restitution force to the lever after being pushed.

7. The pneumatic pruning hook as claimed in claim 4, wherein the work device comprises a cylinder longitudinally mounted to the
20 connecting seat and a piston reciprocally movably received in the cylinder, a fixed blade mounted on a top of the cylinder and a movable blade pivotally mounted to the fixed blade to form a scissors structure, a crank having a first end pivotally connected to the piston and a

second end pivotally connected to the movable blade for driving the movable blade moved toward the fixed blade.

8. The pneumatic pruning hook as claimed in claim 7, wherein the safety comprises:

- 5 two rails extending from the work device and each having a groove laterally defined therein, the two grooves opposite to each other, each rail including a top having a first dimple defined near the work device and a second dimple defined near a free end of each of the rail; and
- 10 a slider slidably mounted on the two rails and selectively engaged to the movable blade, the slider having two blind holes each aligning with a corresponding one of the two rails and receiving a spring, a steel ball received in a corresponding one of the two blind holes and partially extending out of the slider for being received in a
- 15 corresponding one of the first and the second dimples to hold the slider in place due to a restitution force of each of the two springs, the slider including two opposite sides each having a buckle laterally extending therefrom and slidably received in a corresponding one of the two
- 20 rails.